

## Protein bicaudal D homolog 2 (BICD2) Recombinant Protein | BICD2 recombinant protein

Recombinant Human Protein bicaudal D homolog 2 (BICD2) , partial

CATALOG #  
AAA117163

HOST  
E Coli or Yeast or Baculovirus or Mammalian Cell

### PRODUCT SYNONYMS

Protein bicaudal D homolog 2 (BICD2); Recombinant Human Protein bicaudal D homolog 2 (BICD2); partial; BICD2 recombinant protein

### PRODUCT SPECIFICATIONS

|                         |                                                                                                                                                                                                                                                                                                                                                                                                                                      |
|-------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Host                    | E Coli or Yeast or Baculovirus or Mammalian Cell                                                                                                                                                                                                                                                                                                                                                                                     |
| Purity/Purification     | Greater or equal to 85% purity as determined by SDS-PAGE.                                                                                                                                                                                                                                                                                                                                                                            |
| Form/Format             | Lyophilized or liquid (Format to be determined during the manufacturing process)                                                                                                                                                                                                                                                                                                                                                     |
| Sequence Positions      | 25-398. partial                                                                                                                                                                                                                                                                                                                                                                                                                      |
| Sequence                | EVKRLSHELA ETTREKIQA EYGLAVLEEK HQLKLQFEEL EVDYEAIRSE MEQLKEAFGQ AHTNHKKVAA<br>DGESREESLI QESASKEQYY VRKVLELQTE LKQLRNVLTN TQSENERLAS VAQELKEINQ NVEIQRGLR<br>DDIKEYKFRE ARLLQDYSEL EEENISLQKQ VSVLRQNQVE FEGLKHEIKR LEEETEYLS QLEDAILKE<br>ISERQLEEAL ETLKTEREQK NSLRKELSHY MSINDSFYTS HLVSLDGLK FSDDAAEPNN DAEALVNGFE<br>HGGLAKPLD NKTSTPKKEG LAPPSPSLVS DLLSELNISE IQKLKQQLMQ MEREKAGLLA TLQDTQKQLE<br>HTRGSLSEQQ EKVTRLTENL SALR |
| Species                 | Human                                                                                                                                                                                                                                                                                                                                                                                                                                |
| Preparation and Storage | Store at -20 degrees C. For long-term storage, store at -20 degrees C or -80 degrees C. Store working aliquots at 4 degrees C for up to one week. Repeated freezing and thawing is not recommended.                                                                                                                                                                                                                                  |

### ADDITIONAL INFORMATION

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| Related Product Information for BICD2 recombinant protein | This gene is one of two human homologs of Drosophila bicaudal-D and a member of the Bicoid family. It has been implicated in dynein-mediated, minus end-directed motility along microtubules. It has also been reported to be a phosphorylation target of NIMA related kinase 8. Two alternative splice variants have been described. |
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### NCBI AND UNIPROT INFORMATION

|                                  |                                                        |
|----------------------------------|--------------------------------------------------------|
| NCBI GI #                        | 51479166                                               |
| NCBI GeneID                      | 23299                                                  |
| NCBI Accession #                 | NP_001003800.1                                         |
| NCBI GenBank Nucleotide #        | NM_001003800.1                                         |
| UniProt Accession #              | Q8TD16; O75181; Q5TBQ2; Q5TBQ3; Q96LH2; Q9BT84; Q9H561 |
| Molecular Weight                 | 96,806 Da                                              |
| NCBI Official Full Name          | protein bicaudal D homolog 2 isoform 1                 |
| NCBI Official Synonym Full Names | BICD cargo adaptor 2                                   |
| NCBI Official Symbol             | BICD2                                                  |
| NCBI Official Synonym Symbols    | SMALED2; bA526D8.1                                     |

|                            |                              |
|----------------------------|------------------------------|
| NCBI Protein Information   | protein bicaudal D homolog 2 |
| UniProt Protein Name       | Protein bicaudal D homolog 2 |
| UniProt Gene Name          | <b>BICD2</b>                 |
| UniProt Synonym Gene Names | KIAA0699; Bic-D 2            |

**For Research Use Only.** Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://www.aaabiotech.com/bicd2-recombinant-protein-e-coli/117163>